

RADIATION SAFETY AND PROTECTION

1	Course Title:	RADIATION SAFETY AND PROTECTION	
2	Course Code:	TGTZ110	
3	Type of Course:	Compulsory	
4	Level of Course:	Short Cycle	
5	Year of Study:	1	
6	Semester:	2	
7	ECTS Credits Allocated:	4.00	
8	Theoretical (hour/week):	3.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. ZEYNEP YAZICI	
15	Course Lecturers:	Prof.Dr. Zeynep YAZICI, Öğr. Gör. Sefa IŞIKLAR	
16	Contact information of the Course Coordinator:	sefaisiklar@uludag.edu.tr	
17	Website:		
18	Objective of the Course:	To gain information, skills and responsibility about the biological effects of radiation, basic principles of protection from radiation	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Know the structure of radiology department
		2	Provide radiation safety
		3	Comprehend the legal regulations of radiation safety
		4	Take duty in emergency cases
		5	
		6	
		7	
		8	
		9	
		10	
21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	The structure of radiology department - 1		
2	The structure of radiology department - 2		
3	The structure of radiology department - 3		
4	The structure of radiology department - 4		
5	Radiation Safety		
6	Radiation Safety		
7	Radiation Safety		

8	Radiation Safety	
9	Radiation Safety	
10	Radiation Safety	
11	Radiation Safety	
12	The legal regulations of radiation safety	
13	Regulation of basic safety standards of radiation protection	
14	Necessary points, duties and responsibilities of the use of equipment in radiation protection	

23	Assesment
-----------	-----------

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	3.00	42.00
Contribution of Term (Year) Learning Activities to	50.00		
Practicals/Labs	14	2.00	28.00
Self study and preparation	14	6.00	84.00
Contribution of Final Exam to Success Grade	50.00		
Homeworks	1	10.00	10.00
Projects	0	0.00	0.00
Measurement and Evaluation Techniques Used in the			
Field Studies	0	0.00	0.00
Midterm Exams	1	5.00	5.00
Others	0	0.00	0.00
Final Exams	1	10.00	10.00
Total Work Load			179.00
Total work load/ 30 hr			5.97
ECTS Credit of the Course			4.00

Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High
----------------------------	-------------------	--------------	-----------------	---------------	--------------------